10/518159

DT01 Rec'd PCT/PTC 1 0 DEC 2004

SEQUENCE LISTING

<110> Cell Therapeutics Scandinavia AB

<120> Use of compounds having GIP activity for the treatment of disorders associated with abnormal loss of cells and/or for the treatment of obesity

<130> P10553

<160> 10

<170> PatentIn version 3.1

<210> 1

<211> 126

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (1)..(126)

<223>

<400> 1

tac gcg gaa ggg act ttc atc agt gac tac agt att gcc atg gac aag

Tyr Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys

1 5 10 15

att cac caa caa gac ttt gtg aac tgg ctg ctg gcc caa aag ggg aag 96
Ile His Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys

20 25 30

aag aat gac tgg aaa cac aac atc acc cag
Lys Asn Asp Trp Lys His Asn Ile Thr Gln

<210> 2

<211> 42

<212> PRT

<213> Homo sapiens

<400> 2

Tyr Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys
1 5 10 15

Ile His Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys
20 25 30

Lys Asn Asp Trp Lys His Asn Ile Thr Gln 35

<210> 3 <211> 603 <212> DNA <213> Rattus sp. <220> <221> CDS (176)..(301)<222> <223> <400> ggaagagcta agaagagctg ttggctcggg gacacaatct aggaagatgg tggctttgaa 60 gacctgctct ctqctgctgg tgctcctgtt cctggctgtc gggctgggag aaaaagaaga 120 ggttgagttc cgatcccatg ctaaatttgc tggcccccga ccacgaggcc caagg tat 178 Tyr 1 gca gag ggg act ttc atc agt gat tac agc atc gcc atg gac aag atc 226 Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys Ile 274 cgc caa caa gac ttt gtg aac tgg ctt ctg gcc cag aag ggg aag aag Arg Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys Lys 25 aat gac tgg aaa cac aac ctc acc cag agagaggccc gggctttgga 321 Asn Asp Trp Lys His Asn Leu Thr Gln gctggcagga caatctcaga gaaacgagga gaaagaggca caggggagct ctttgcccaa 381 gagcctcagt gatgaagatg tgctgaggga ccttctgatt caagagctac tggcctggat 441 ggeggaccaa gcagagctct gtegactgag gteccagtga eegacctace eeggagcagg 501 actggactct gaccttagct tgctcagatc ctgcttctgc cctggtccaa agtctctgag 561 603 agaaccaaac caataaagcc ttgagctgaa gtaaaaaaaa aa <210> 4 <211> 42 <212> PRT <213> Rattus sp. <400> 4 Tyr Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys 5 15

30

Ile Arg Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys

25

20

<210>	5	
<211>		
<212>	DNA	
<213>	Artificial Sequence	
<220>		
	aunthotic construct	
<223>	synthetic construct	
<400>	5	
aagaggttga gttccgatcc catgc 25		
<210>		
<211>		
<211>		
	Artificial Sequence	
(213)	Altilitial bequence	
<220>		
<223>	synthetic construct	
400	· ·	
<400>	6	24
gattgt	cctg ccagctccaa agcc	27
<210>	7	
<211>	48	
<212>		
<213>	Artificial Sequence	
<220>		
	synthetic construct	
<400>	7	
ggcttt	ggag ctggcaggac aatctcagag aaacgaggag aaagaggc	48
<210>	8	
<211>	48	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	synthetic construct	
~4437	synchecic construct	
<400>	8	
tgctgg	cccc cgaccacgag gcccaaggta tgcagagggg actttcat	48
<210>	9	
<211>	48	
<212>	DNA	
	Artificial Sequence	

Lys Asn Asp Trp Lys His Asn Leu Thr Gln 35

<220>
<223> synthetic construct

<400> 9
gtacaggtga gcactgactt gggctgaagc tcaagagttg gttctgcc 48

<210> 10
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<400> 10
cctgttcacg tctttcatgc tgcgagcagg ggccatcctc acccgaga 48